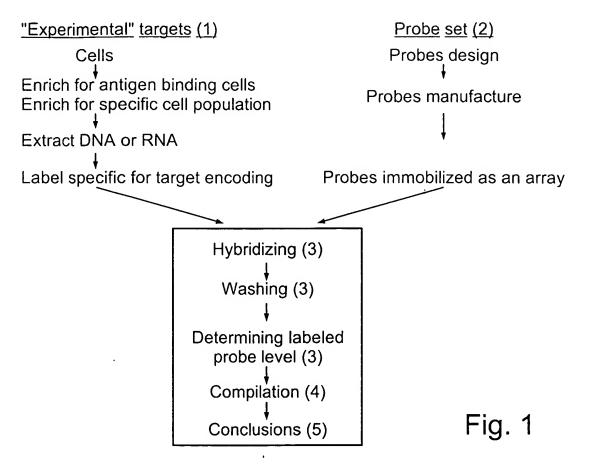
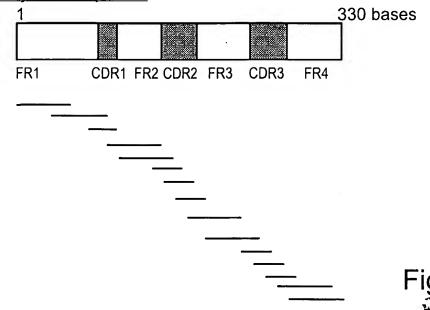
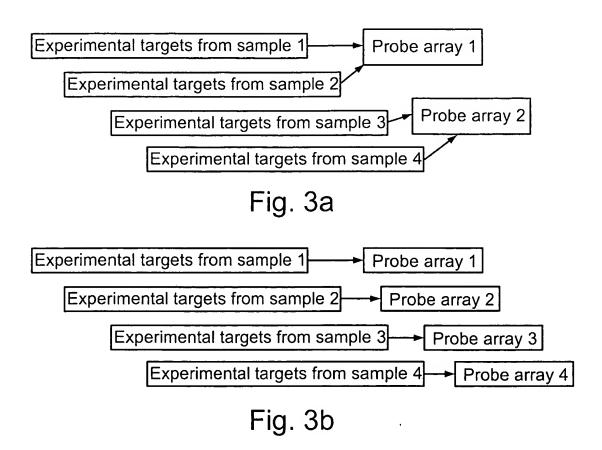
Flowchart of the invention process



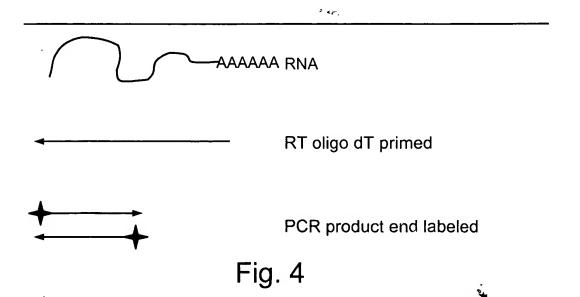
<u>Illustration of the variable region gene and an example of overlapping positively labeled probes</u>



Examples of multiple sample experiment. The probe arrays represented have the same content.

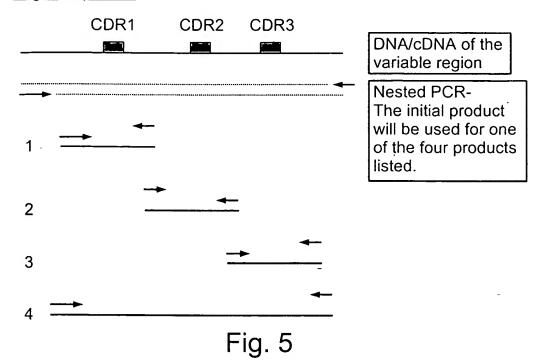


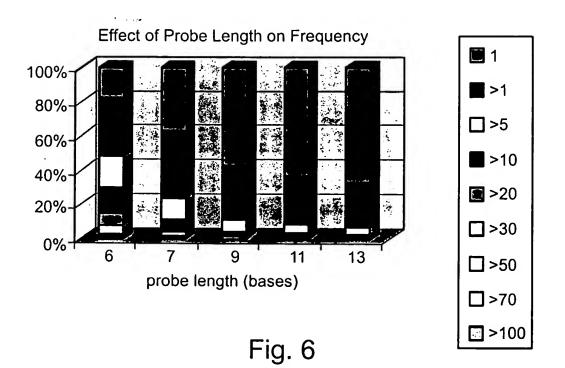
Scheme illustrating end labeled plus and minus strand



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Scheme illustrating PCR amplification of specific regions within the target sequence.





TGTGCGAGAGANNNNNGGTACAACTGG TGTGCGAGANNNNNGGTACAACTGG [GTGCG**AGANNNNNNG**GTACAACTGG **igigcgagan**nnnnggtacaactg TGTGCGAGAGANNNNNGGTACAACTGG TGTG**CGAGAGANNNN**NGGTACAACTGG TGTGC**GAGAGANNNNN**GGTACAACTGG TGTGCGAGANNNNNNGGTACAACTGG TGTGCGAGANNNNNGGTACAACTGG TGTGCGAGAGANNNNNNGGTACAACTGG [GTGCGAGAGANNNNNGGTACAACTGG TGTGCGAGAGANNNNNNGGTACA TGTGCGAGAGAN**NNNNGGTACAA**CTGG TGTGCGAGAGANN**NNNNGGTACAAC**TGG TGTGCGAGAGANNN**NNNGGTACAACT**GG TGTGCGAGAGANNNNN**NGGTACAACTGG** TGTGCGAGAGANNNN**NNGGTACAACTG**G

FTGTTATGCACTGGGTCCGCCAGGCTCCAGGGAAGGGACTGGAATATCTTTCAGCGATTAGTAGTGATGGAGAGACAACATATCATGCAAACTCTG **CAGGIGCAGCIGCIGCAGICIGGGGGAGGCCTAGICCAGCCGGGGGGGTCCCIGAGACICICCTGIGCCGCCITIGGATICAACITCAGIICCIA** TGAAGGCCAGATTCACCAGCTCCAGAGACAATTCCAAGAACACTGTTTCTTCAAATGGGCAGCCTGAGAACTGAGGACGTGGCTGTCTACTAC TGTGCGAGAGATCGTTACTATGAGACTAGTGGTTCCAATGCTTTTGATGTCTGGGGCCAAGGAACAATGGTCGTCGTCTTTC

FIG. 8

		09
VH3-64 GI1233206651GB C.	GAGGTGCAGCTGGTGGAGTCTGGGGAAGGCTTGGTCCAGCCTGGGGGGTCCCTGAGACTC CAGGTGCAGCTGGTGCAGTCTGGGGAGGCCTAGTCCAGCCGGGGGGGG	09
VH3-64 GI 23320665 GB T	: :	120 120 120
VH3-64 GI 23320665 GB C	: :	180 180 180
VH3-64 GI 23320665 GB G	: : . : : : : : : : : : : : : : : : : :	240 240 240
D3-22 VH3-64 GI 23320665 GB C	: : : GT CTTCAAATGGGCAGCCTGAGGACATGGCTGTGTATTACTGTGCGAGAGA CTTCAAATGGGCAGCCTGAGAACTGAGGACGTGGCTGTGTATTACTGTGCGAGAGA	300 2 296 299
D3-22 JH3 GI 23320665 GB -	: : : : : : : : : : : : : : : : : : :	360 31 30 351
JH3 GI 23320665 GB A	ATGGTCGTCGTCTTCAG ATGGTCGTCGTCTTCAG ATGGTCGTCGTCTTCA	420 49 369